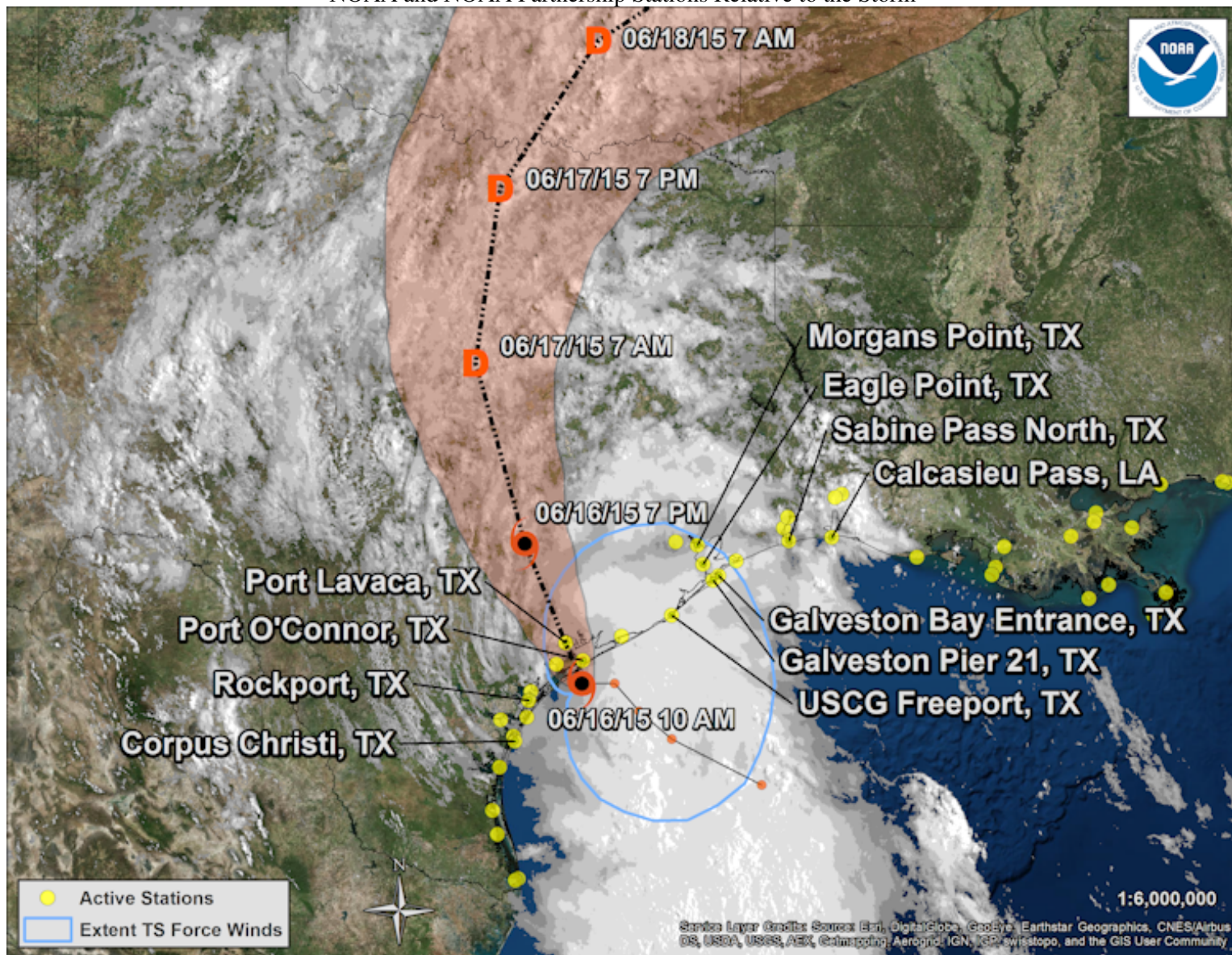




Tropical Storm BILL QuickLook  
Posted: 11:00 CDT 06/16/2015

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/16/2015 11:00 CDT, water levels from southern Texas to western Louisiana are elevated and range between 1.5 and 3.0 feet above tidal predictions. Strongest winds are being observed at Port Lavaca and Port O'Connor with gusts over 40 kts in the last hour. Barometric pressure is slowly falling across the region.

Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CRD

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

TROPICAL STORM BILL ADVISORY NUMBER 3

NWS NATIONAL HURRICANE CENTER MIAMI FL

1000 AM CDT TUE JUN 16 2015

...TROPICAL STORM BILL ABOUT TO MAKE LANDFALL ALONG THE TEXAS COAST....EXPECTED TO BRING HEAVY RAINS TO PORTIONS OF TEXAS...

WATCHES AND WARNINGS

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A Tropical Storm Warning is in effect for...

\* Baffin Bay to High Island Texas

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

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At 1000 AM CDT, the center of Tropical Storm Bill was located near latitude 28.2 North, longitude 96.4 West. Bill is moving toward the northwest near 10 mph and this general motion is expected to continue today. The center of Bill is expected to make landfall on Matagorda Island within the next hour or two, and move inland over south-central Texas this afternoon and tonight.

Reports from an Air Force Reserve reconnaissance aircraft indicate that maximum sustained winds remain near 60 mph with higher gusts. Weakening is forecast after the center moves inland later today, and Bill is expected to weaken to a tropical depression overnight.

Tropical-storm-force winds extend outward up to 150 miles from the center.

The latest minimum central pressure reported by an Air Force Reserve Hurricane Hunter aircraft was 997 mb.

HAZARDS AFFECTING LAND

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**RAINFALL:** Bill is expected to produce total rain accumulations of 4 to 8 inches over eastern Texas and eastern Oklahoma and 2 to 4 inches over western Arkansas and southern Missouri, with possible isolated maximum amounts of 12 inches in eastern Texas.

**WIND:** Tropical storm conditions are occurring within the warning area and will likely continue into the evening.

**STORM SURGE:** The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Upper Texas coast...2 to 4 feet

Western Louisiana coast...1 to 2 feet

The deepest water will occur along the immediate coast near and to the right of the landfall location. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

**TORNADOES:** A few tornadoes will be possible across portions of eastern Texas and far western Louisiana today and tonight.

Forecaster Stewart

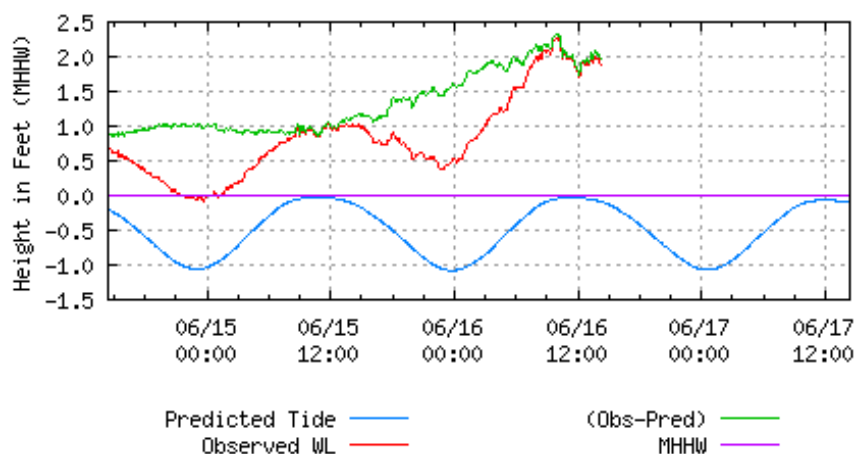
For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Port O'Connor \(TCOON\) - Water Level](#), [Port O'Connor \(TCOON\) - Winds](#), [Port Lavaca \(TCOON\) - Water Level](#), [Port Lavaca \(TCOON\) - Winds](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Rockport - Water Level](#), [Rockport - Winds](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Water Level](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Winds](#), [Galveston Bay Entrance, N Jetty \(TCOON\) - Barometric](#), [Galveston Pier 21 - Water Level](#), [Galveston Pier 21 - Barometric](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [Morgans Point - Water Level](#), [Morgans Point - Winds](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Bob Hall Pier, Corpus Christi - Water Level](#), [Bob Hall Pier, Corpus Christi - Winds](#), [Bob Hall Pier, Corpus Christi - Barometric](#)

Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

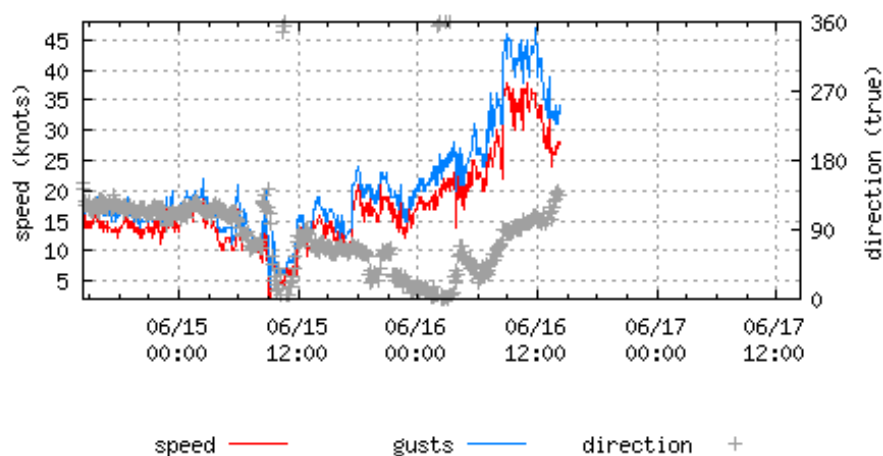
Observed: 1.86 ft. Predicted: -0.09 ft. Residual: 1.95 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/17/2015 12:01 (CDT), -0.07 ft.

NOAA/NOS/CO-OPS 8773701 Port O'Connor (TCOON), TX

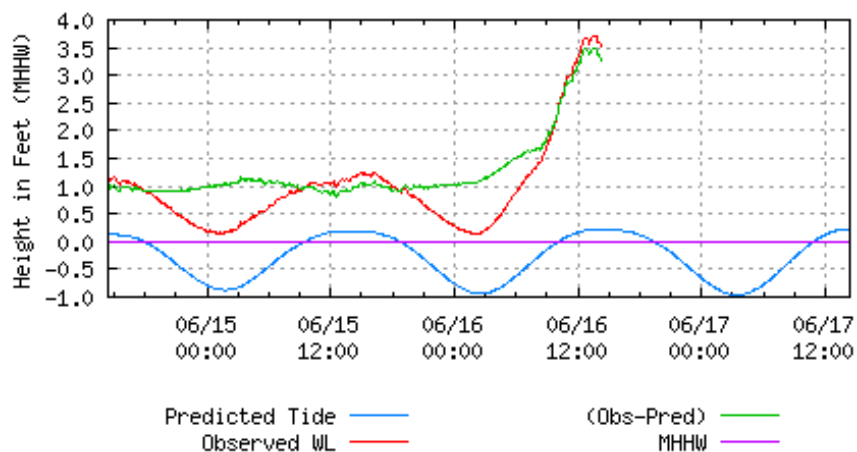
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 28 knots Gusts: 32 knots Direction: 130° T

NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



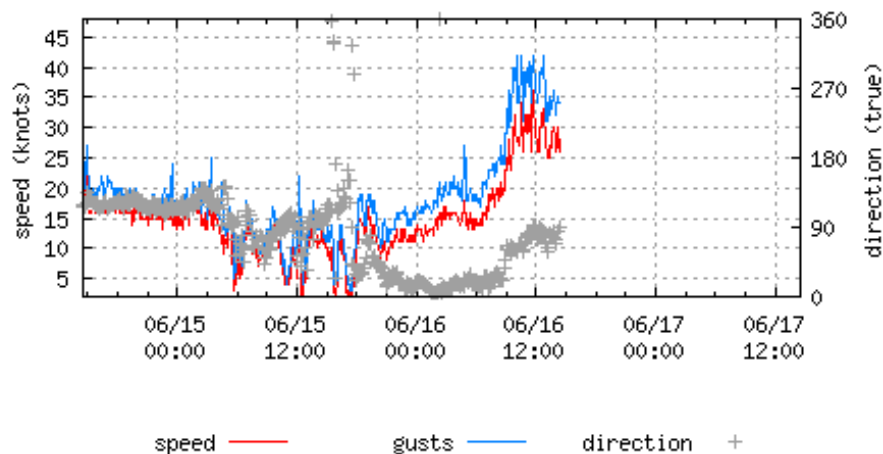
Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

Observed: 3.58 ft. Predicted: 0.23 ft. Residual: 3.35 ft.

Historical Maximum Water Level: n/a

Next High Tide: 06/17/2015 14:42 (CDT), 0.24 ft.

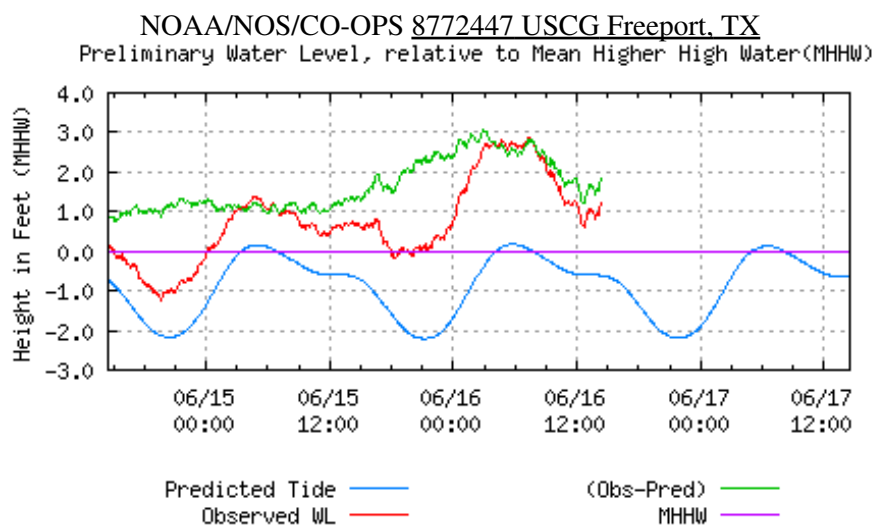
NOAA/NOS/CO-OPS 8773259 Port Lavaca (TCOON), TX  
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 26 knots Gusts: 34 knots Direction: 89° T



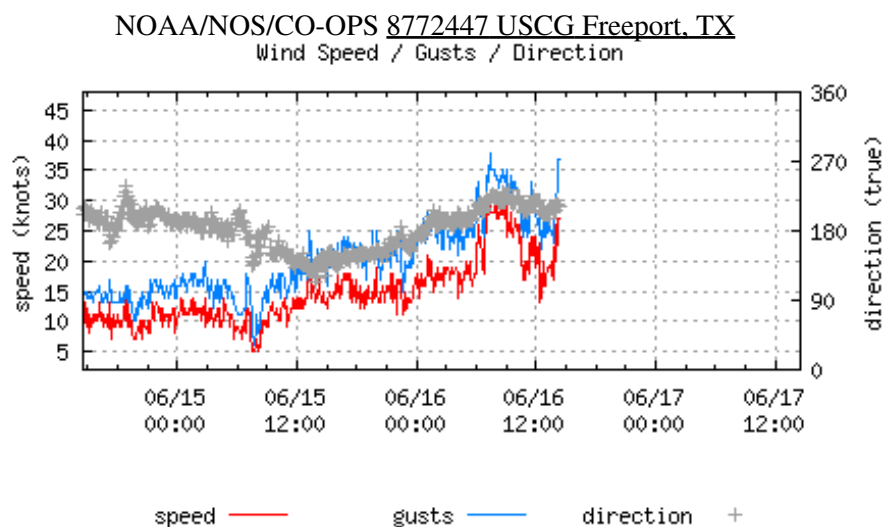


Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

Observed: 1.21 ft. Predicted: -0.61 ft. Residual: 1.82 ft.

Historical Maximum Water Level: Sep 12 2008, 5.58 ft.

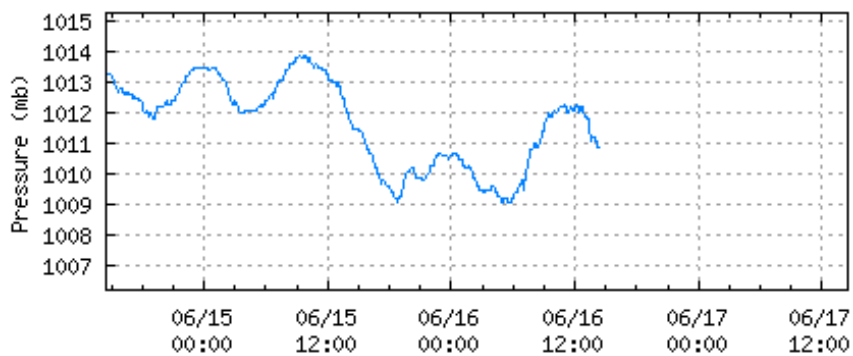
Next High Tide: 06/17/2015 06:27 (CDT), 0.13 ft.



Last Observed Sample: 06/16/2015 14:18 (CDT)

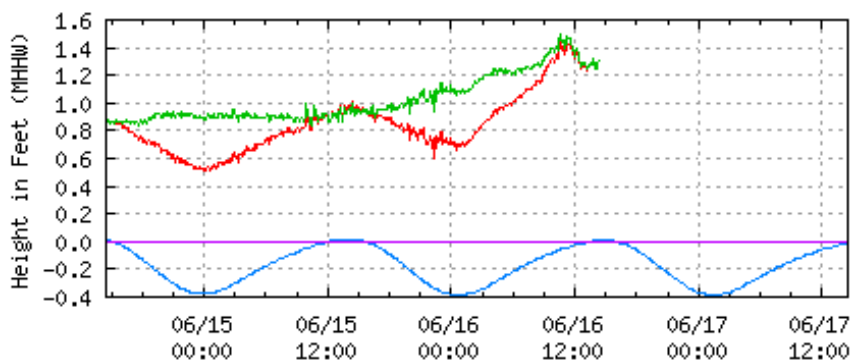
Wind Speed: 27 knots Gusts: 37 knots Direction: 211° T

NOAA/NOS/CO-OPS 8772447 USCG Freeport, TX  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 06/16/2015 14:18 (CDT)  
Barometric Pressure: 1010.9 mb

NOAA/NOS/CO-OPS 8774770 Rockport, TX  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

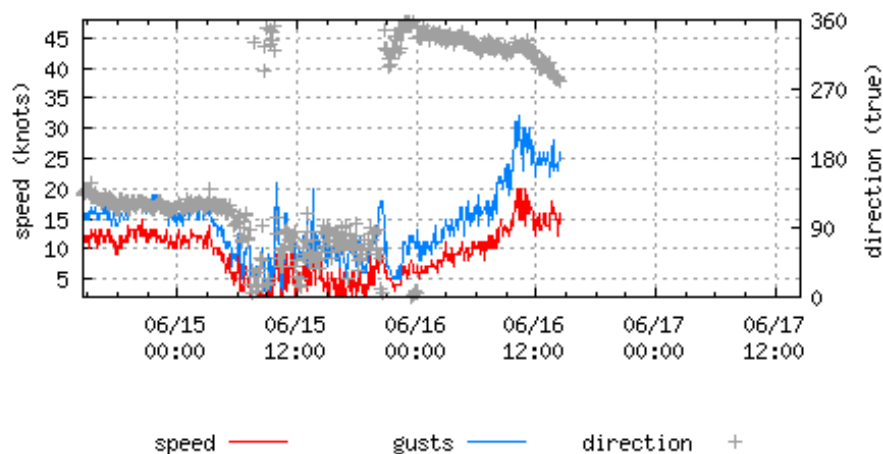
Observed: 1.31 ft. Predicted: 0.01 ft. Residual: 1.30 ft.

Historical Maximum Water Level: Aug 10 1980, 3.73 ft.

Next High Tide: 06/16/2015 14:47 (CDT), 0.01 ft.

NOAA/NOS/CO-OPS 8774770 Rockport, TX

Wind Speed / Gusts / Direction

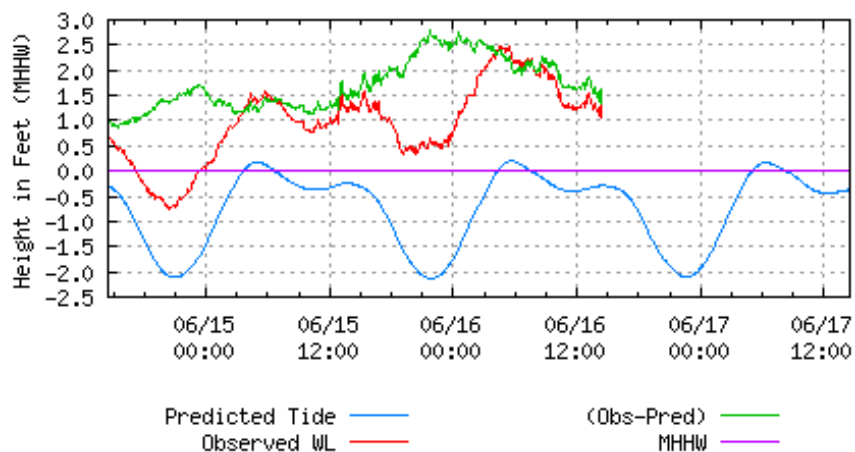


Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 16 knots Gusts: 26 knots Direction: 280° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

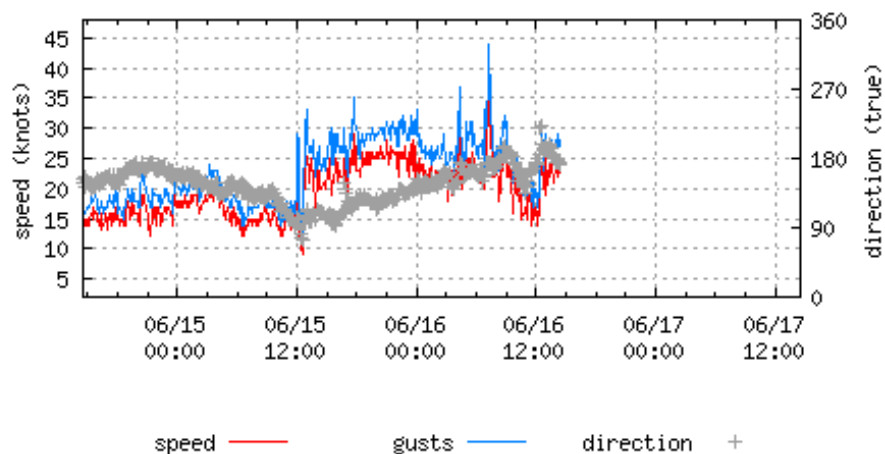
Observed: 1.33 ft. Predicted: -0.29 ft. Residual: 1.62 ft.

Historical Maximum Water Level: Jul 15 2003, 4.08 ft.

Next High Tide: 06/16/2015 14:29 (CDT), -0.29 ft.



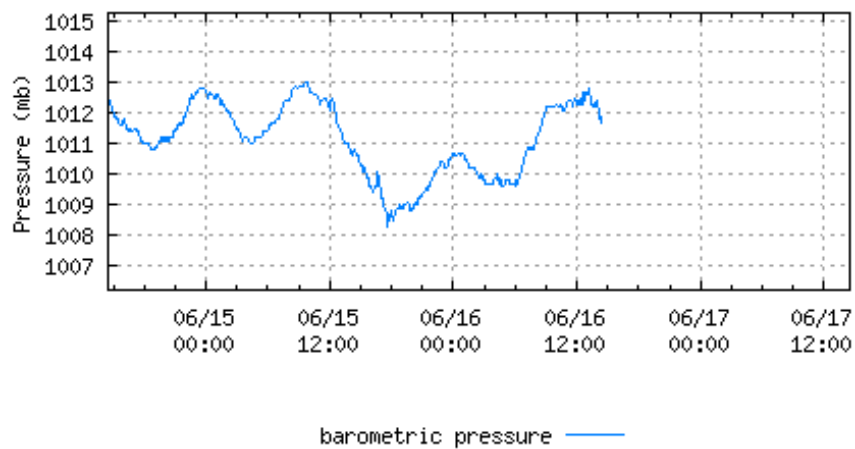
NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX  
Wind Speed / Gusts / Direction



Last Observed Sample: 06/16/2015 14:24 (CDT)

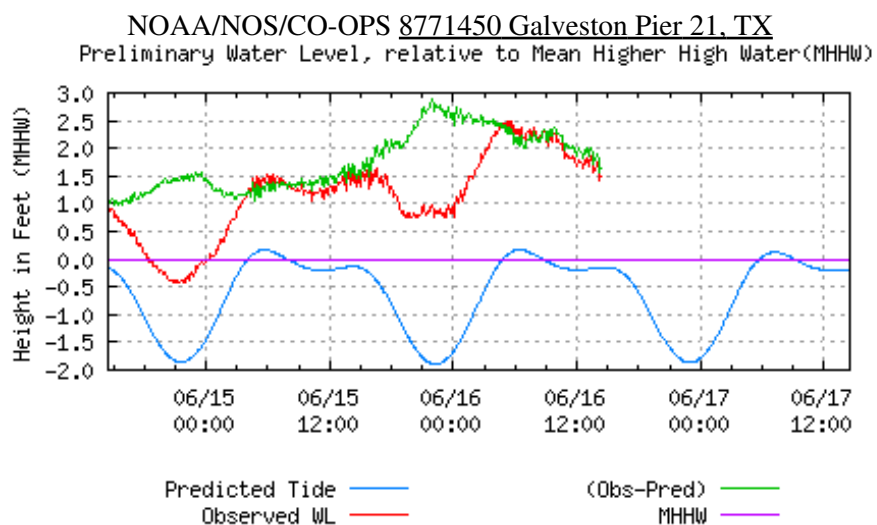
Wind Speed: 24 knots Gusts: 28 knots Direction: 176° T

NOAA/NOS/CO-OPS 8771341 Galveston Bay Entrance, N Jetty (TCOON), TX  
Barometric Pressure



Last Observed Sample: 06/16/2015 14:24 (CDT)

Barometric Pressure: 1011.9 mb

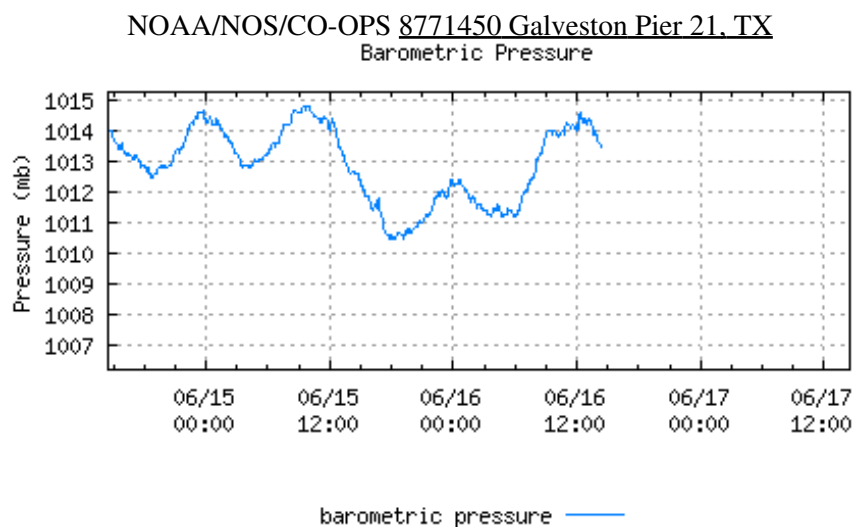


Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

Observed: 1.48 ft. Predicted: -0.15 ft. Residual: 1.63 ft.

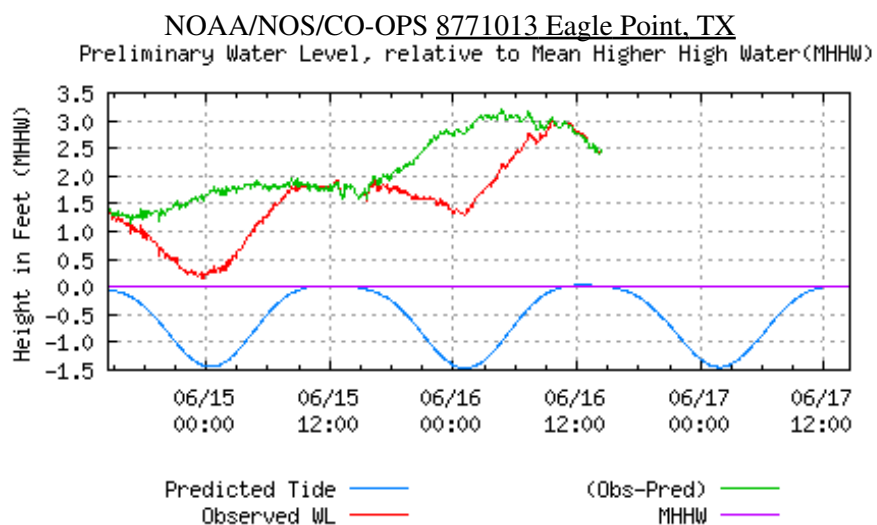
Historical Maximum Water Level: Sep 8 1900, 12.11 ft.

Next High Tide: 06/16/2015 14:48 (CDT), -0.15 ft.



Last Observed Sample: 06/16/2015 14:18 (CDT)

Barometric Pressure: 1013.5 mb

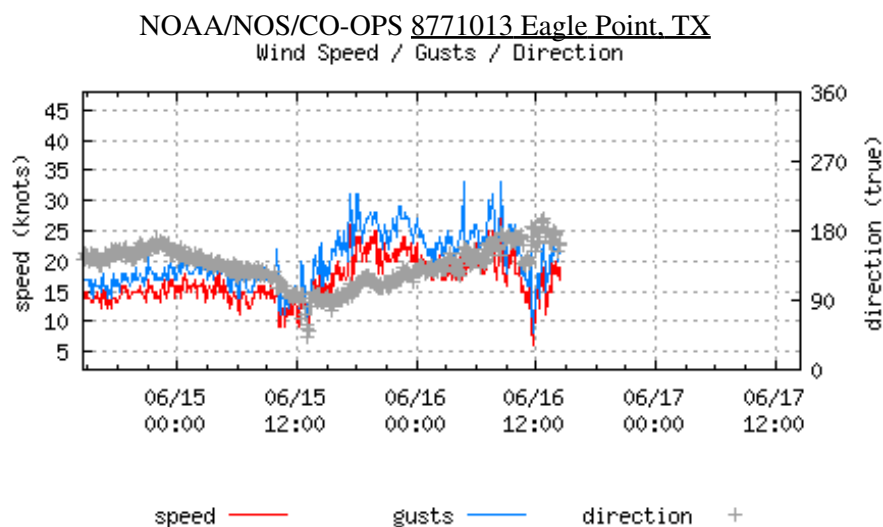


Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

Observed: 2.47 ft. Predicted: 0.01 ft. Residual: 2.46 ft.

Historical Maximum Water Level: Sep 13 2008, 10.76 ft.

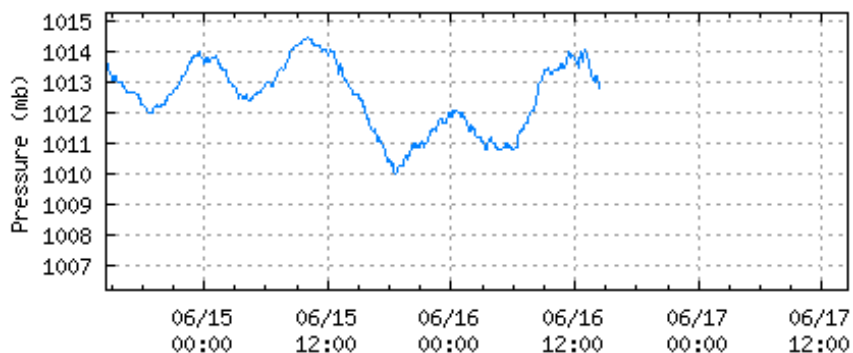
Next High Tide: 06/17/2015 13:25 (CDT), 0.01 ft.



Last Observed Sample: 06/16/2015 14:24 (CDT)

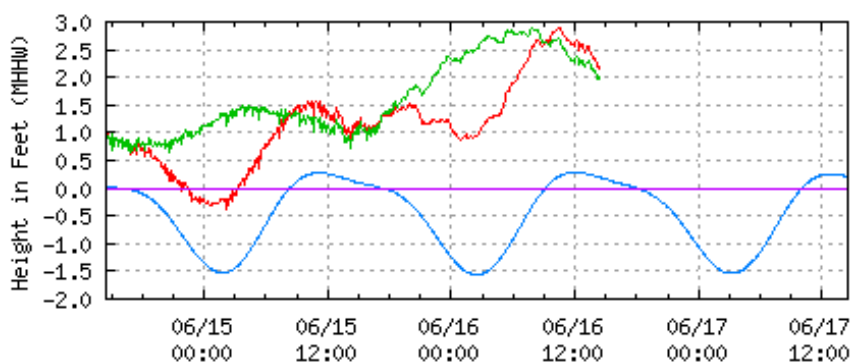
Wind Speed: 19 knots Gusts: 23 knots Direction: 162° T

NOAA/NOS/CO-OPS 8771013 Eagle Point, TX  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 06/16/2015 14:24 (CDT)  
Barometric Pressure: 1012.8 mb

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

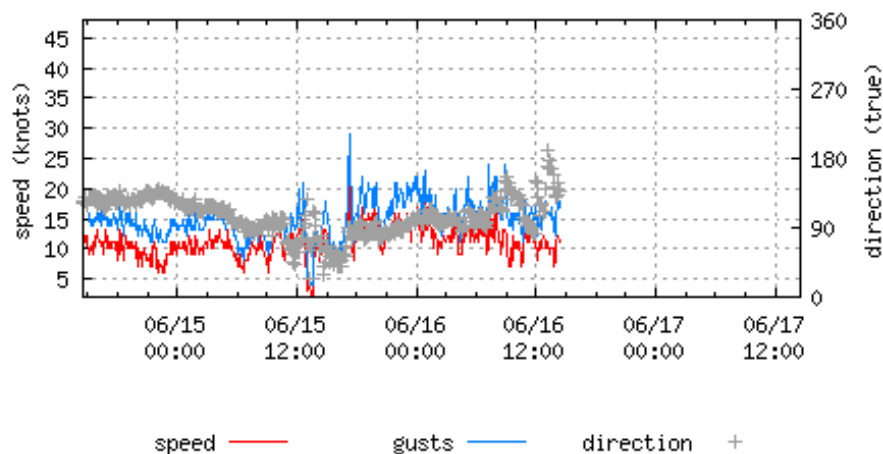
Observed: 2.20 ft. Predicted: 0.19 ft. Residual: 2.01 ft.

Historical Maximum Water Level: Sep 12 2008, 5.22 ft.

Next High Tide: 06/17/2015 12:53 (CDT), 0.26 ft.

NOAA/NOS/CO-OPS 8770613 Morgans Point, TX

Wind Speed / Gusts / Direction

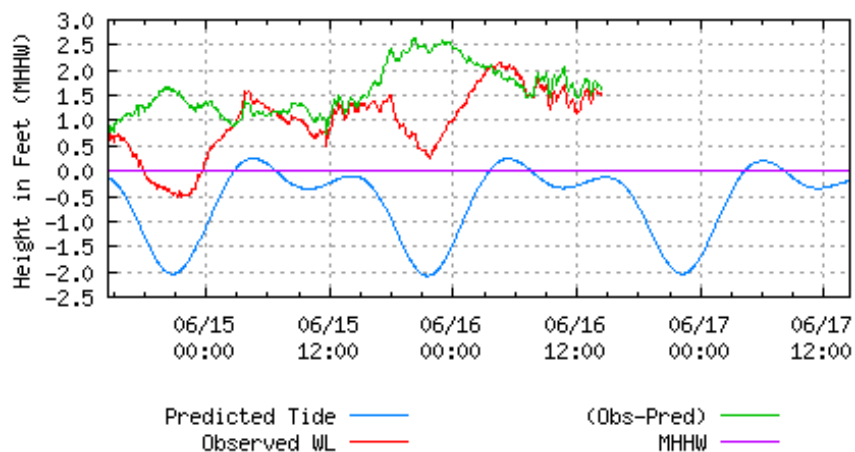


Last Observed Sample: 06/16/2015 14:24 (CDT)

Wind Speed: 11 knots Gusts: 18 knots Direction: 138° T

NOAA/NOS/CO-OPS 8770570 Sabine Pass North, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

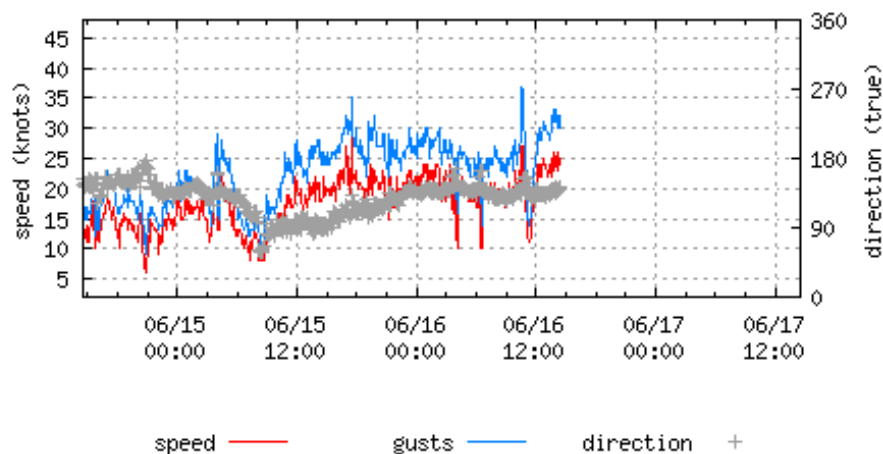
Observed: 1.50 ft. Predicted: -0.13 ft. Residual: 1.63 ft.

Historical Maximum Water Level: Sep 13 2008, 12.71 ft.

Next High Tide: 06/16/2015 14:48 (CDT), -0.13 ft.

NOAA/NOS/CO-OPS 8770570 Sabine Pass North, TX

Wind Speed / Gusts / Direction

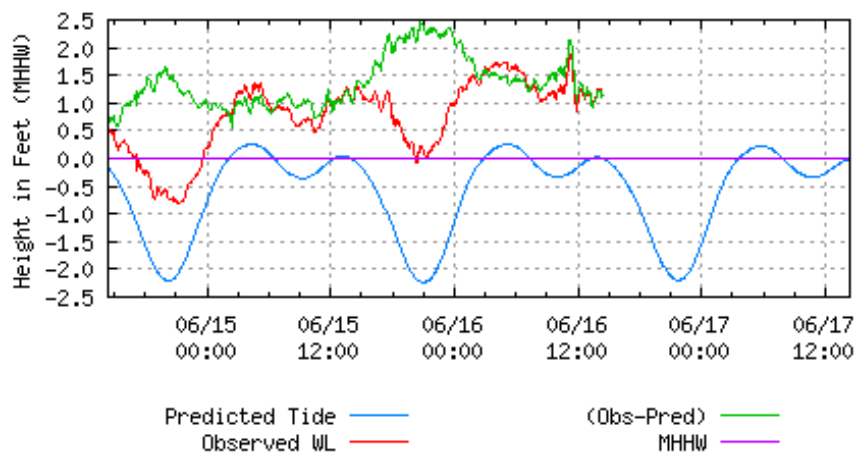


Last Observed Sample: 06/16/2015 14:24 (CDT)

Wind Speed: 24 knots Gusts: 32 knots Direction: 141° T

NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 14:24 (CDT). Data relative to MHHW

Observed: 1.14 ft. Predicted: 0.01 ft. Residual: 1.13 ft.

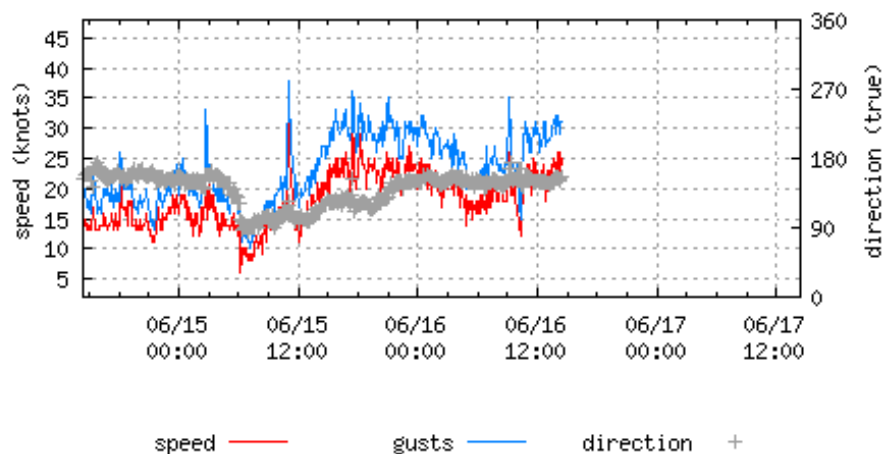
Historical Maximum Water Level: Sep 13 2008, 9.96 ft.

Next High Tide: 06/17/2015 05:50 (CDT), 0.22 ft.



NOAA/NOS/CO-OPS 8768094 Calcasieu Pass, LA

Wind Speed / Gusts / Direction

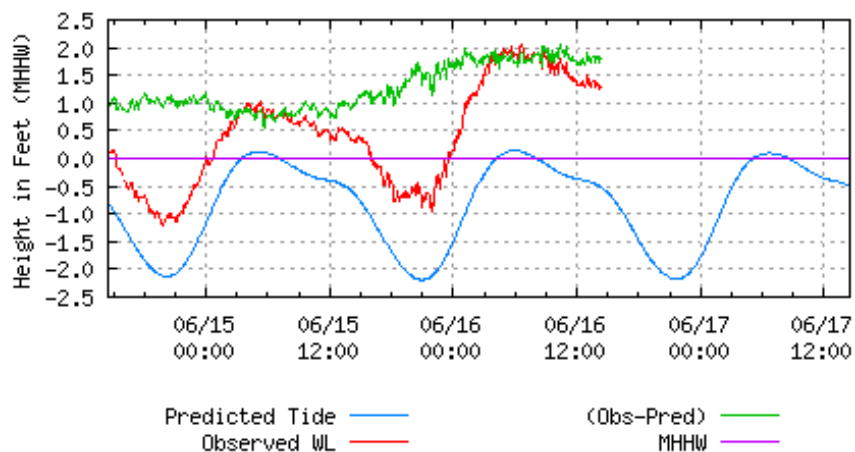


Last Observed Sample: 06/16/2015 14:24 (CDT)

Wind Speed: 24 knots Gusts: 31 knots Direction: 157° T

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 06/16/2015 14:18 (CDT). Data relative to MHHW

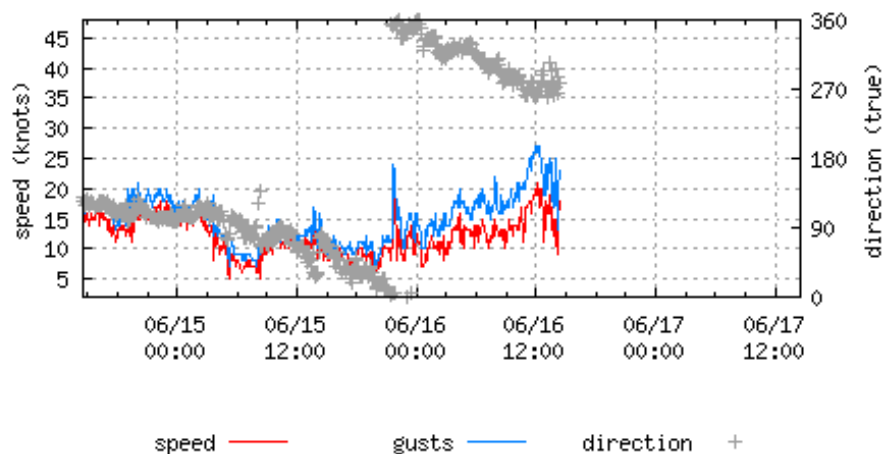
Observed: 1.29 ft. Predicted: -0.51 ft. Residual: 1.80 ft.

Historical Maximum Water Level: Sep 13 2008, 3.98 ft.

Next High Tide: 06/17/2015 06:38 (CDT), 0.10 ft.

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Wind Speed / Gusts / Direction

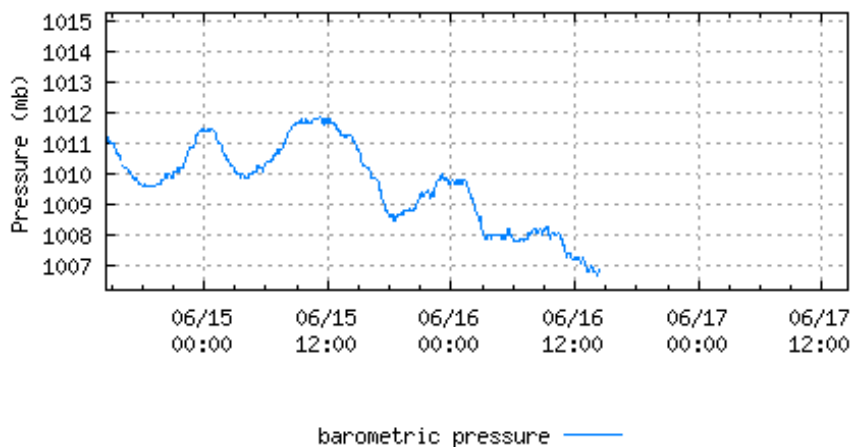


Last Observed Sample: 06/16/2015 14:18 (CDT)

Wind Speed: 18 knots Gusts: 23 knots Direction: 277° T

NOAA/NOS/CO-OPS 8775870 Bob Hall Pier, Corpus Christi, TX

Barometric Pressure



Last Observed Sample: 06/16/2015 14:18 (CDT)

Barometric Pressure: 1006.9 mb

Tropical Storm BILL QuickLook, POSTED 11:00 CDT 06/16/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8773701	Port O'Connor (TCOON), TX	06/16/2015 14:18 (CDT)	1.86 ft	-0.09 ft	1.95 ft	2.29 ft
8773259	Port Lavaca (TCOON), TX	06/16/2015 14:18 (CDT)	3.58 ft	0.23 ft	3.35 ft	3.72 ft
8772447	USCG Freeport, TX	06/16/2015 14:18 (CDT)	1.21 ft	-0.61 ft	1.82 ft	2.88 ft
8774770	Rockport, TX	06/16/2015 14:18 (CDT)	1.31 ft	0.01 ft	1.30 ft	1.44 ft
8771341	Galveston Bay Entrance, N Jetty (TCOON), TX	06/16/2015 14:24 (CDT)	1.33 ft	-0.29 ft	1.62 ft	2.47 ft
8771450	Galveston Pier 21, TX	06/16/2015 14:18 (CDT)	1.48 ft	-0.15 ft	1.63 ft	2.48 ft
8771013	Eagle Point, TX	06/16/2015 14:24 (CDT)	2.47 ft	0.01 ft	2.46 ft	2.98 ft
8770613	Morgans Point, TX	06/16/2015 14:24 (CDT)	2.20 ft	0.19 ft	2.01 ft	2.90 ft
8770570	Sabine Pass North, TX	06/16/2015 14:24 (CDT)	1.50 ft	-0.13 ft	1.63 ft	2.17 ft
8768094	Calcasieu Pass, LA	06/16/2015 14:24 (CDT)	1.14 ft	0.01 ft	1.13 ft	1.88 ft
8775870	Bob Hall Pier, Corpus Christi, TX	06/16/2015 14:18 (CDT)	1.29 ft	-0.51 ft	1.80 ft	2.05 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce